

# Homework 1 – Number Revision

*You are not allowed a calculator for this homework.*

*Remember to explain your thinking by showing working.*

1. Copy the table into your jotter then complete it.

Fraction	$\frac{2}{5}$			$\frac{1}{20}$
Decimal	0.4		0.8	
Percentage	40%	35%		

2. Round 4.67549 to 3 decimal places.
3. Round the numbers below to 2 significant figures:
- 34587
  - 8.524
  - 0.0435
  - 0.00056423
4. Work out the following:
- 25% of £30
  - 70% of 9kg
  - 35% of 18m
  - 28.5% of 60
  - $\frac{3}{7}$  of 21
5. Evaluate:
- $5 \times 0.7$
  - $0.6 \times 0.9$
  - $0.3 \times 600$
  - $3.6 \div 4$
  - $24 \div 0.4$
  - $360 \div 900$
6. A computer costs £360. It is on sale with a 30% discount. What is the sale price of the computer?
7. Jasmine would like to buy her niece an Elsa doll for her birthday. She sees that Argos has them for £35. Then she notices that Argos has a special offer of 25% off all Frozen product this week. She then does an online search and finds an Elsa doll for £25 plus £4.95 postage and packaging.  
Which is the better deal? You must give a reason for your answer.